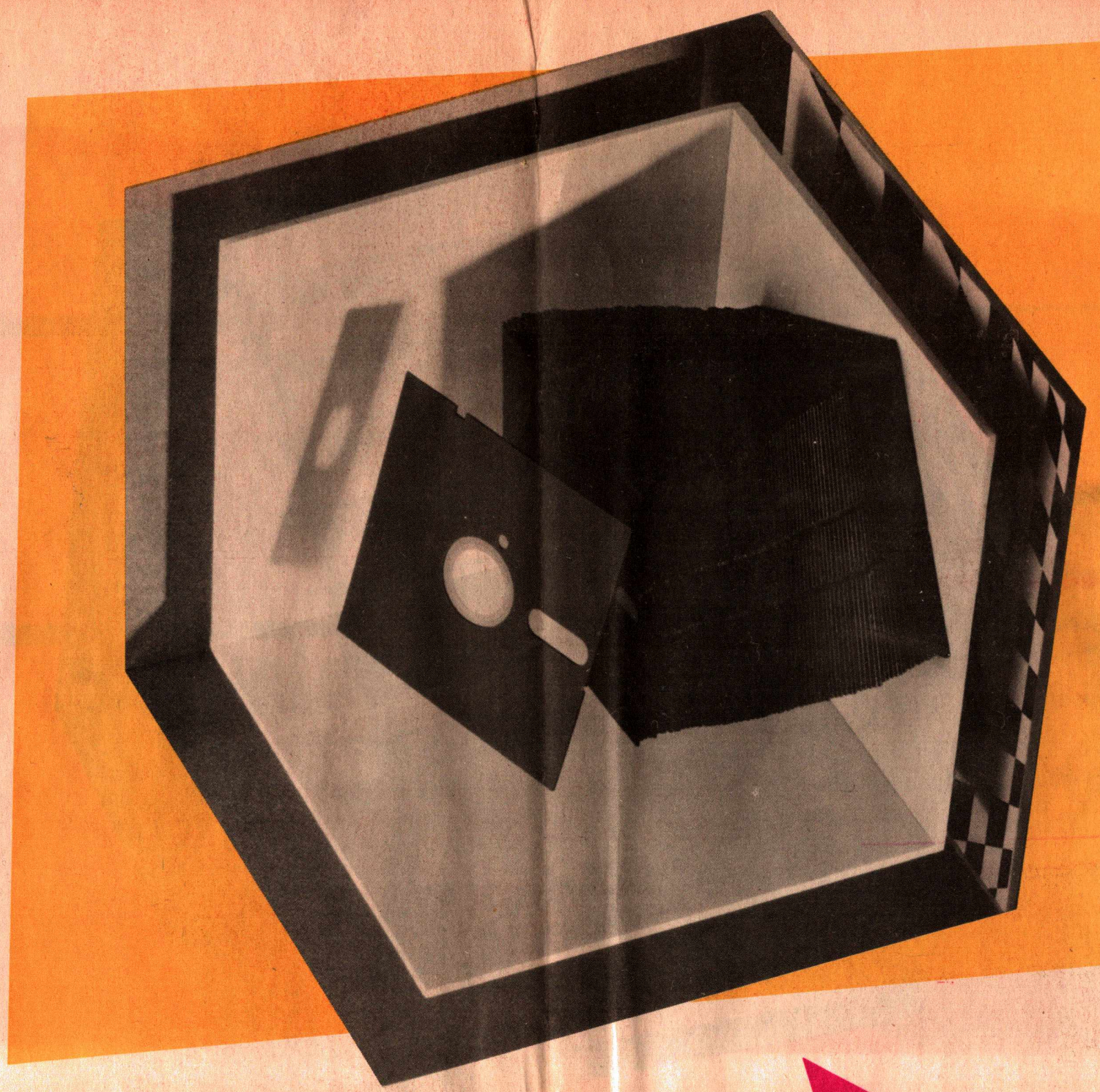
MIDI

DIMENSIONS



PASSPORT

MIDI PERFORMANCE SERIES
MIDI 4 plus
PASSPORT

PASSPORT

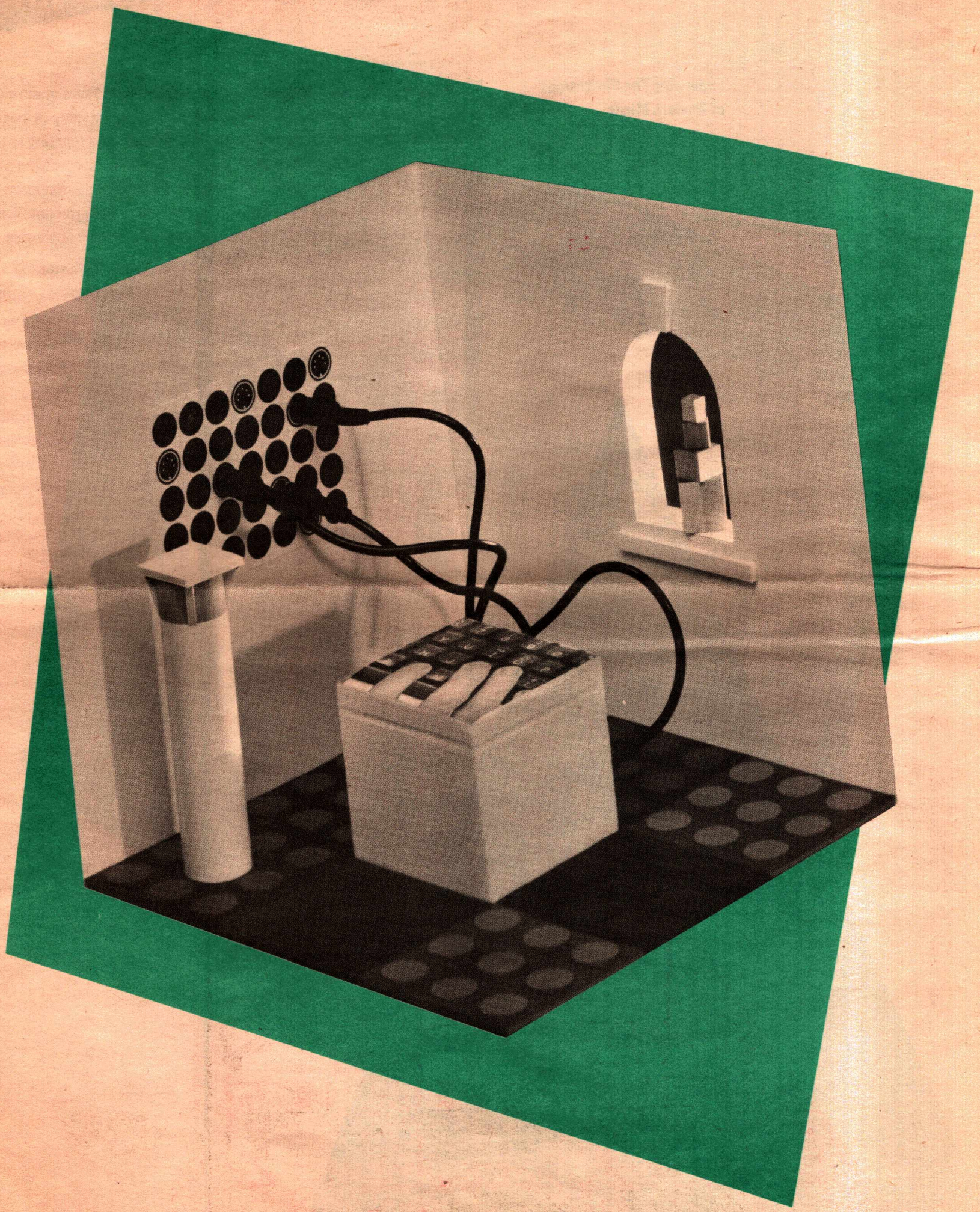
Expanding The Dimensions of Modern Music

Prior to 1976 few musicians associated computers with the development of their musical careers. Computers and high technology were the domain of engineers and scientists, not musicians. Then, in 1976 the first computer-controlled music synthesizer was created, and the music industry has never looked back.

The musicians who developed this synthesizer marched to the beat of a different drummer. They allowed themselves to look at music in a completely new light. After all, if computers could help writers, accountants, and grocery store clerks work faster and even more creatively, they should be able to help musicians do things like compose, record, and write scores. Someone had to show them how. So in 1980, these music pioneers formed a company dedicated exclusively to the development of music software: Passport.

Today, after years of developing programs, listening to musicians' feedback, and reacting to their comments, Passport has a music software library that leads the market in performance, printing, and educational applications.

We'd like to introduce you to the Passport Library of MIDI software. On the following pages, you'll see how a computer, together with your MIDI instruments, can help you study, compose, record, perform, and even score music. After you've finished reading, we think you'll understand why we're so excited about the computer music revolution.



MIDI INTERFACE

With Tape and Drum Sync

The Passport MIDI Interface™ is a piece of hardware that lets your MIDI instruments talk to your personal computer, and vice versa. Without it, your computer is just a computer and your MIDI instrument is just an instrument. But with it in place, you'll be able to compose, record, edit, score, print, study, and store music more easily and enjoyably than ever before.

MIDI interface™

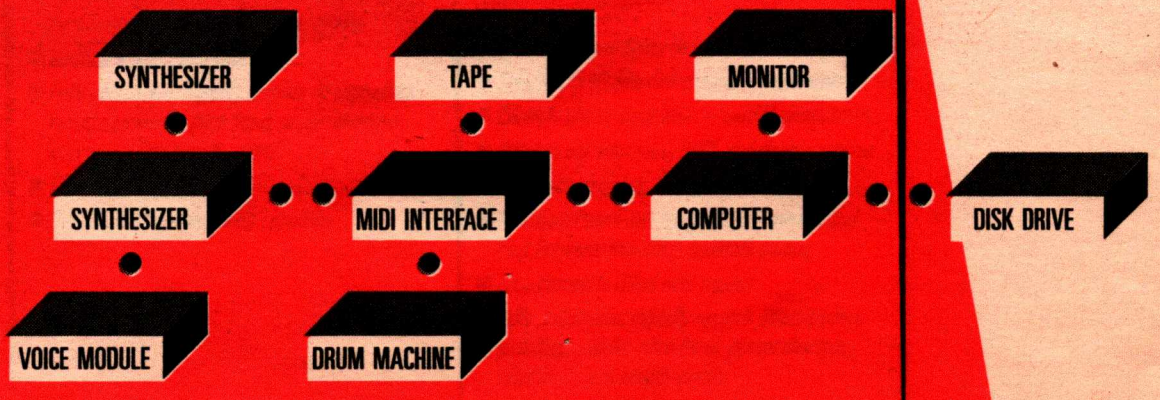
The Computer Connection for MIDI Equipped Instruments

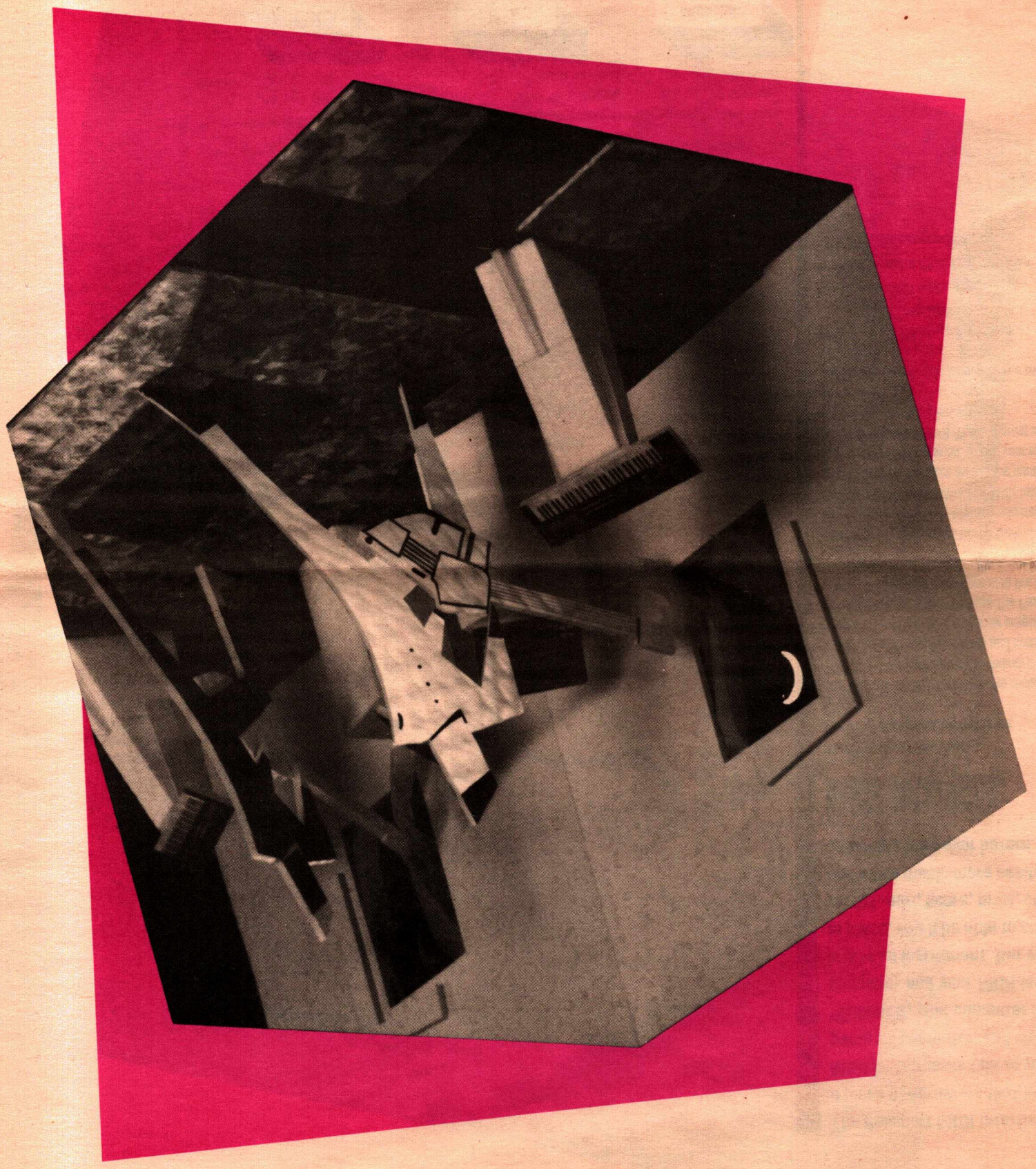
The Passport MIDI Interface is the recognized standard interface in the music industry. That means that more software developers and synthesizer manufacturers are designing their programs around its specifications. When you use The Passport MIDI Interface, you have access to the largest library of music application software on the market.

The MIDI Interface syncs to and from MIDI, tape, and drum machines—everything you need for a flexible music system. With The MIDI Interface, you'll have the assurance that as the number of MIDI instruments on the market grows, your system will be able to expand with it. That's a great comfort in such a fast-moving industry!

The Passport MIDI Interface is for use with:

- *Commodore 64 or Apple II+, IIe or Compatible Computers*
- *1 or more MIDI synthesizers*
- *Conventional or MIDI drum machines*
- *Any analog tape recorder*





MIDI PERFORMANCE

Passport set a new standard for performance software with its introduction of the MIDI/4™ recording program, over a year ago. Now we present an even newer generation of software, reflecting your requests for programs that are easy to operate, but include all the features that will help you improve the creativity and precision of your performance.

MIDI/4 plus™

Four Channel Recording Software for MIDI Equipped Synthesizers

MIDI/4plus is the answer to your requests for an inexpensive MIDI recording system. It combines the power and performance of Passport's earlier MIDI/4, with new features that make editing and recording even easier.

Working alone you can compose, orchestrate, and arrange complete multi-track recordings using your synthesizer, drum machine, and personal computer. MIDI/4plus allows your keyboards, drum machine, and analog tape recorder to work together. The four separate channels can control individual keyboards simultaneously, or the same channel can control several keyboards.

You also don't have to worry about playing a sequence over and over again until you get it right. When a note or measure isn't just the way you want it, you're just a click away from fixing it. With MIDI/4plus' single step playback, fast forward/rewind, and punch in/out features, the computer will help you edit any section of your work, without affecting the rest of the music you've already put down.

MIDI/4plus makes recording and editing easy so you can spend your time and energy creating the music.

- *Unlimited overdubbing on four separate channels*
- *Select from 16 different channel assignments*
- *Controls one or more MIDI equipped synthesizers*
- *Syncs to and from tape, MIDI, and drum machines*
- *Punch-in/Punch-out, Single Step Playback and Fast Forward/Rewind to facilitate editing*
- *Auto-correct to 32nd note triplets*
- *Fully polyphonic: digitally records all controllers including velocity, pitch bend, preset changes, aftertouch, and breath control*
- *Real time tempo control*
- *Over 6,000 note recording capability*

Performance Series Requirements:

1 Apple II+, //e, or Commodore 64 computer
1 or 2 disk drives with controller
1 video monitor or T.V. with modulator
1 Passport MIDI Interface (also available from Yamaha and Korg)
1 or more MIDI synthesizers
(additional synthesizers, drum machines, and tape recorder optional)

MIDI/8 plus™

Eight Channel Recording Software for MIDI-Equipped Synthesizers

MIDI/8plus is designed for professional musicians who need to control more than four MIDI channels at a time. Whether you're a single musician composing, orchestrating, and recording your own work, or a live band working together, MIDI/8plus lets you build a truly sophisticated performance system. It combines studio quality recording with the power and flexibility of a personal computer.

Sync to and from MIDI, tape, and drum machines to create multi-track recordings of outstanding proportions . . . Overdub as often as you want on eight separate channels . . . Chain sequences to play over as a backup rhythm track . . . Use the beat clock and single step play back to punch in and out wherever you like, so you can edit accurately. MIDI/8plus will revolutionize the way you compose and record music!

Since every nuance of your performance is digitally recorded in the computer, you can perform with confidence. Unlike overdubbing on tape, you'll have no loss of fidelity in your recording.

MIDI/8plus allows your keyboards, drum machine, and analog tape recorder to work together. Because of its eight channel capability you can rest assured that as new MIDI instruments become available, you won't be short on channels.

MIDI/8plus is, simply speaking, the most efficient and creative way you can compose, orchestrate, and record your music.

- *Unlimited overdubbing on eight separate channels*
- *Select from 16 different channel assignments*
- *Controls one or more MIDI-equipped synthesizers*
- *Syncs to and from tape, MIDI, and drum machines*
- *Sequence chaining, linking, and merging*
- *Punch-in/Punch-out, Single Step Playback and Fast Forward/Rewind to facilitate editing*
- *Auto-correct to 32nd note triplets*
- *Fully polyphonic: digitally records all controllers including velocity, pitch bend, preset changes, aftertouch, and breath control*
- *Real time tempo control*
- *Over 6,000 note recording capability*

MIDI player™

Computer Music Videos

MIDI Player is a computerized music presentation system for all your MIDI/4 or MIDI/4plus recordings. Now you can arrange and digitally store a whole set or album of music on computer disk and play it back through your MIDI system in any designated order. While the music plays, the video screen will dance with high resolution graphics directly keyed to the tempo and pitch values of the musical score, for a dramatic visual presentation.

Once you put your recordings on MIDI Player, you'll find you can use them in a variety of different ways. You'll have sets of music that can be used for instant accompaniment for performing or practicing. You'll also be able to locate your work easily, entertain your friends, and send out demos for nightclub gigs or publishing.

- *Contains 8 commercial arrangements on the program disk*
- *Lets you create your own albums of MIDI/4 and MIDI/4plus recordings on separate disk*
- *Handles 8 songs per disk*
- *Plays back arrangements in the order you designate*
- *Synchronizes music playback with real time computer graphics*

MIDI PRINTING

Since the introduction of Polywriter over a year ago, Passport has set the standard for music printing with personal computers. Passport's music printing software lets you transcribe and edit arrangements quickly and accurately to produce high quality scores with lyrics and chord symbols.

Printing Series Requirements:

1 Apple II+ or //e computer
1 or 2 disk drives with controller
1 video monitor or T.V. with modulator
1 dot-matrix printer with graphics
1 Grappler or Pkaso/U printer interface
1 Passport MIDI Interface Card (also available from Yamaha and Korg)
1 or more MIDI synthesizers

leadsheeter™

Create Your Own Leadsheets, Songs, and Fake Books

Passport's Leadsheeter is a printing software program that transcribes what you play and prints sheet music in the popular Treble Clef/Piano score format. If you're looking for a program that can produce simple leadsheets and fake books, Leadsheeter is both an efficient and inexpensive solution.

Leadsheeter takes the music you play on your MIDI keyboard and transcribes it in real-time with auto-correction. If you want to play in one key, but have the music scored in another, just tell that to the computer and it will be transposed. When the music has been transcribed, you can enter and edit lyrics, chord symbols, markings, and titles on the screen.

Leadsheeter is an inexpensive music printing program that produces quality sheet music that's easy to read.

- *Transcribes directly from any MIDI keyboard or data source in real-time with auto-correction*
- *Displays treble clef on top with piano score below*
- *Lets you enter and edit lyrics, chord symbols, markings, and titles*
- *Gives perfect resolution from a whole note to a triplet 16th note*
- *Transpose to any key. Supports all key signatures*
- *Lets you change, delete, or insert all graphics on screen*
- *Properly handles note division, seconds, accidentals, ties, 8VA's, flags and beams, rests, and any time and key signature*
- *Prints sheet music quickly in any key*
- *Stores all data on disk, for instant recall*

polywriter™

Write Multiple Score Formats With Up to 28 Polyphonic Parts

Polywriter is an exceptionally efficient way to write simple songs, piano concertos, choral scores, jingles, vocals, individual instruments, or full orchestral scores. Every note you play on the synthesizer keyboard is digitally recorded in the computer, translated into music notation, and simultaneously displayed on screen. You have complete control over how the piece is scored, selecting the key, meter, and tempo.

Once the music is transcribed, you can work with your score in the same way a writer works with a word processor. You'll see the score on your video screen and can add or delete notes wherever you want. If you need to transpose keys or type in lyrics and chord symbols, you can do it easily. When you're completely satisfied with the way it looks on the screen, you can print out a hardcopy of your work.

- *Transcribes directly from any MIDI keyboard or data source in real-time with variable auto-correction*
- *Supports treble, bass, piano, choral, piano/bass, piano/choral, and full orchestral score formats*
- *Transposes to any key. Supports all key signatures*
- *Scores up to 28 discrete, individually recorded polyphonic parts and prints them in correct order*
- *Lets you enter and edit lyrics, chord symbols, markings and titles*
- *Properly handles ties, beaming, split-stemming, enharmonics, double-sharps, double-flats, seconds, 8 VA's, and more in accordance with standard notation practice*
- *Accurately notates chords with up to 16 voices*
- *Prints up to 16 staffs per page*
- *Stores all data on disk, for instant recall*

polywriter utilities™

Integrates and Links Passport's Music Printing and Music Recording Software

Musicians who've been using Passport's MIDI/4 and Polywriter have sung their praises. But they've also been wondering why these programs can't be linked together.

Well now you can integrate MIDI/4, MIDI/4plus, or MIDI/8plus with Polywriter or Leadsheeter. That means that with the switch of a disk, you can convert music scores into recorded music and exchange information between music recording and printing programs.

With Polywriter Utilities you can take the music you've recorded with MIDI/4, MIDI/4plus, or MIDI/8plus, transcribe it into music notation, edit the arrangement on screen graphically, add lyrics, and print out scores. Or, you can use the program to take the scores you've written using Polywriter or Leadsheeter and play them back through MIDI/4, MIDI/4plus, or MIDI/8plus.

Polywriter Utilities will also modify your Polywriter and Leadsheeter programs to accept external sync from other MIDI systems, a feature which allows you to print scores from any MIDI sequencer or data source.

Polywriter Utilities, with Polywriter or Leadsheeter, and Passport's MIDI recording software, provides everything you need for a sophisticated computer music recording and printing system.

- *Integrates and links Passport's music printing and recording software*
- *Lets you print music from MIDI/4, MIDI/4plus, or MIDI/8plus*
- *Lets you play back Polywriter or Leadsheeter files*

MIDI EDUCATION

For many years Passport's music education software has been a major learning source for music departments in schools and universities across the country. Now, Passport's MIDI education programs are available to all music students and teachers using MIDI instruments.

music tutor™

Ear Training for MIDI Instruments

Chords
Intervals
Record Keeper

Music Tutor is a series of three separate ear training programs—Chords, Intervals, and Record Keeper—that provide quality education to music students and increase teacher efficiency.

Chords and Intervals teach you to listen, to hear harmonies and chord structures and identify them. The programs can sharpen your listening skills, making it easier to pick out melodies and chord progressions. As you work with the programs, both intervals and chords are presented visually and aurally by name, or on the staff in standard music notation. You have the choice of making responses from either the computer keyboard or your MIDI synthesizer. Whether you're a teacher or self-taught student, the Record Keeper program lets you change any parameter in Chords and Intervals as well as keep and print accurate records of performance time, levels achieved, and individual score charts. Music Tutor is the ideal program for customized music education.

Chords:

- *Drills on chord type, inversion, and top note*
- *Uses full four voice chords*
- *Presents all useable chords and possible inversions*
- *Top notes range from root to 7th*
- *Chords can be replayed or arpeggiated up or down*
- *Separate auditioning for SOP, ALT, TEN, Bass, or fundamental*

Intervals:

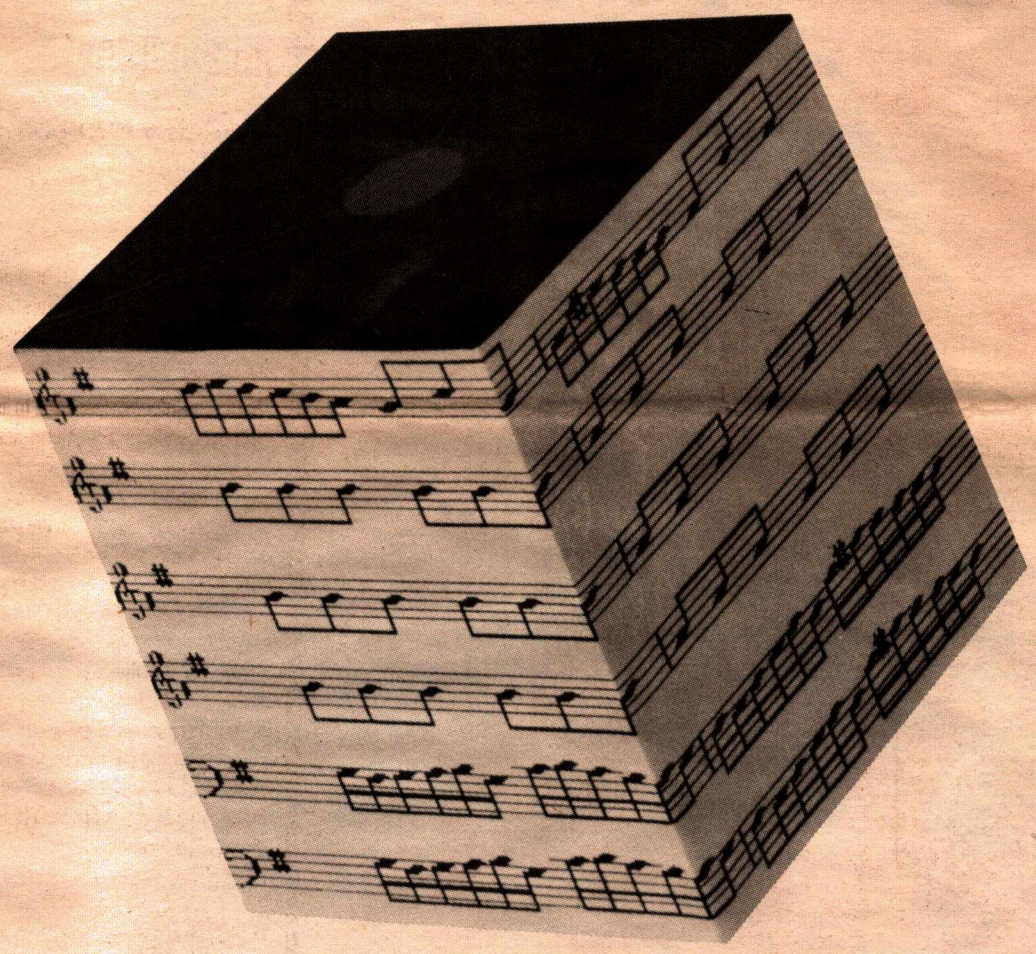
- *Uses all intervals from unison to octave*
- *Intervals ascending or descending—within or across an octave*
- *Harmonic or Melodic presentation*
- *Respond with interval name or on MIDI keyboard*
- *Complete combination of drill sessions*
- *Lets user select intervals, response time, presentation, and more*
- *Each drill indicates "First time right" and "Total tries"*

Education Series Requirements:

1 Apple II+ or *//e* Computer
1 disk drive with controller
1 video monitor or T.V. with modulator
1 Passport MIDI Interface Card (also available from Yamaha and Korg)
1 or more MIDI-equipped synthesizers

MIDI ENTERTAINMENT

Recorded Music-Videos



There's a completely new way to listen to your favorite music, and it doesn't involve using a phonograph, tape machine, or compact disk. Passport's MIDI Song Albums lets you enjoy the exceptional sound quality of your MIDI synthesizer, while high resolution graphics dance across your video screen.

MIDI song albums™

Like Passport's MIDI Player, MIDI Song Albums offer you a collection of popular and classical tunes on computer disk, which you can play back in any order through your MIDI synthesizer. Use MIDI Song Albums for instant accompaniment for jamming, a soundtrack for parties, or your own listening enjoyment. You can reorchestrate songs simply by changing presets on your synthesizer.

Current Passport MIDI Song Albums include:

The Beatles:
A definitive collection of their greatest hits

Pops:
A selection of today's best music by the top artists in the industry

Sampler:
A fine collection of baroque masterpieces.
This disk also allows you to record and play back your own compositions.

Entertainment Series Requirements:

- 1 Apple //e or Commodore 64 computer
- 1 video monitor or T.V. with modulator
- 1 disk drive with controller
- 1 Passport MIDI Interface Card (also available from Yamaha and Korg)
- 1 or more MIDI synthesizers

Passport Designs, Inc.
625 Miramontes St.
Half Moon Bay, CA 94019

PASSPORT

BULK RATE
U.S. POSTAGE
PAID
Half Moon Bay, CA
Permit No. 33

Design: Studio of Brian Collentine
Photography: Douglas Manchee
Models: Douglas Wittnebel

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